Appl.No.10/092,236
Amdt.dated September 22, 2003
Reply to Office action of Sept. 12, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of the claims in the application:

Listing of Claims:

Claims 1-10 (canceled)

Claim 11 (currently ammended): The method of contacting ~~a vapor~~ air with a liquid comprising providing a substantially helical conduit by which ~~a vapor~~ air passes through a contacting zone defined by a substantially vertically disposed substantially cylindrical housing, introducing the said ~~vapor~~ air at one end of the said conduit, advancing the said ~~vapor~~ air through the said conduit, said conduit having an outer lateral periphery defined by the wall of the said housing and an inner lateral periphery positioned between the axis of the said contacting zone and the said wall of the said housing whereby a flow path through the said contacting zone is created, introducing the said liquid into part or all of the said conduit into the said flowing ~~vapor~~ air stream whereby the said liquid is dispersed into the said ~~vapor~~ air stream throughout part or all of the said contacting zone, advancing the contacted liquid through the said conduit, withdrawing the said contacted ~~vapor~~ air from the said contacting zone, and withdrawing the said contacted liquid from the said contacting zone.

Claim 12 (currently ammended): The method of claim 11 wherein an auger shaped fluid guiding body comprising a stem and a blade extends through part or all of the length of the said axis of the said contacting zone, said blade having an outer periphery adjacent to the said wall of the said housing and an inner periphery adjacent to the said stem, said blade further comprising the means to disperse the said liquid into the said flowing ~~vapor~~ air stream.

Claim 13 (currently ammended): The method of claim 11 wherein the temperature of the said liquid is warm or cool in relation to the temperature of the said ~~vapor~~ air whereby a temperature gradient between the said liquid and the said ~~vapor~~ air is created and heat is transferred to or from the said flowing ~~vapor~~ air stream.